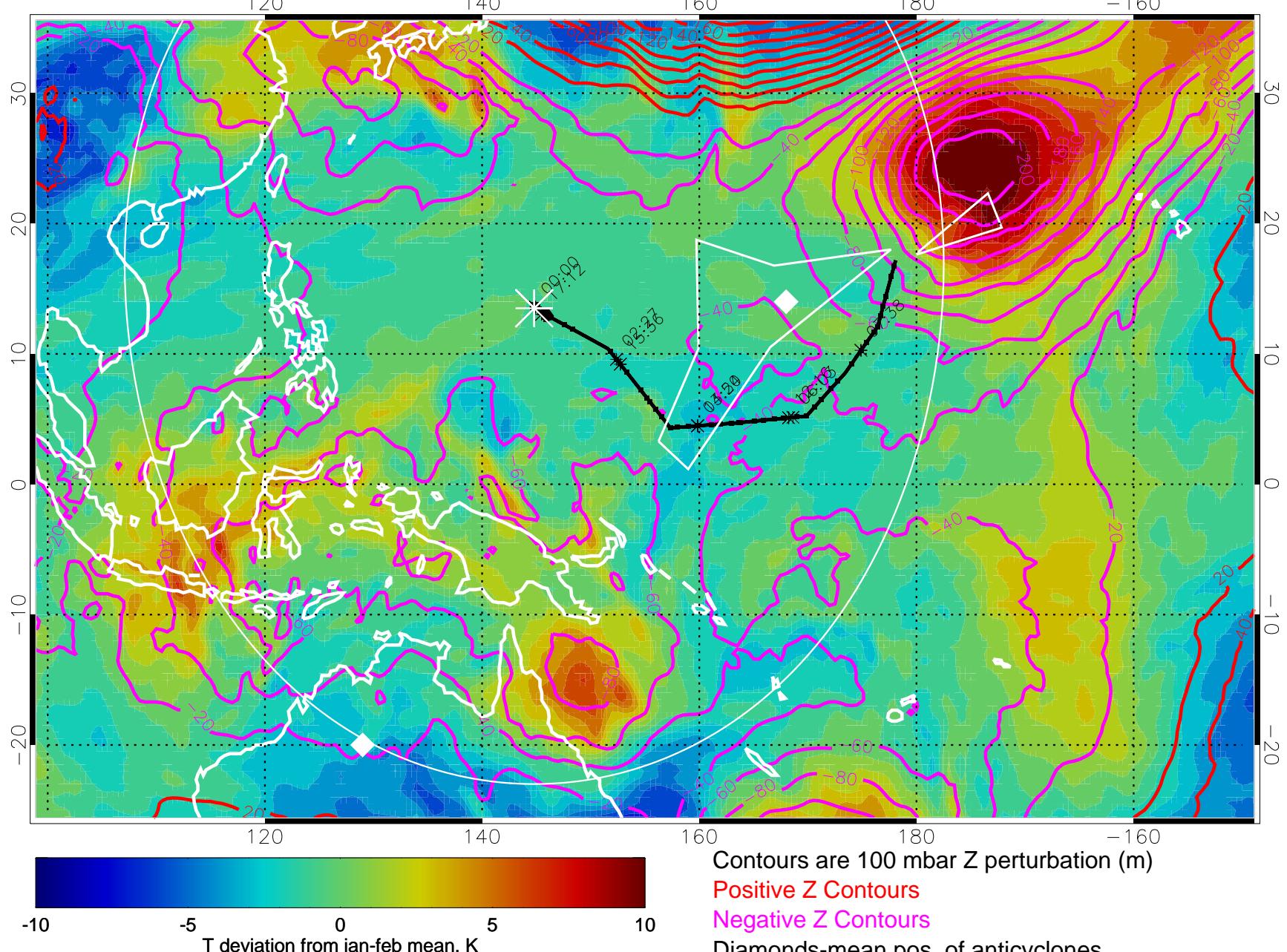
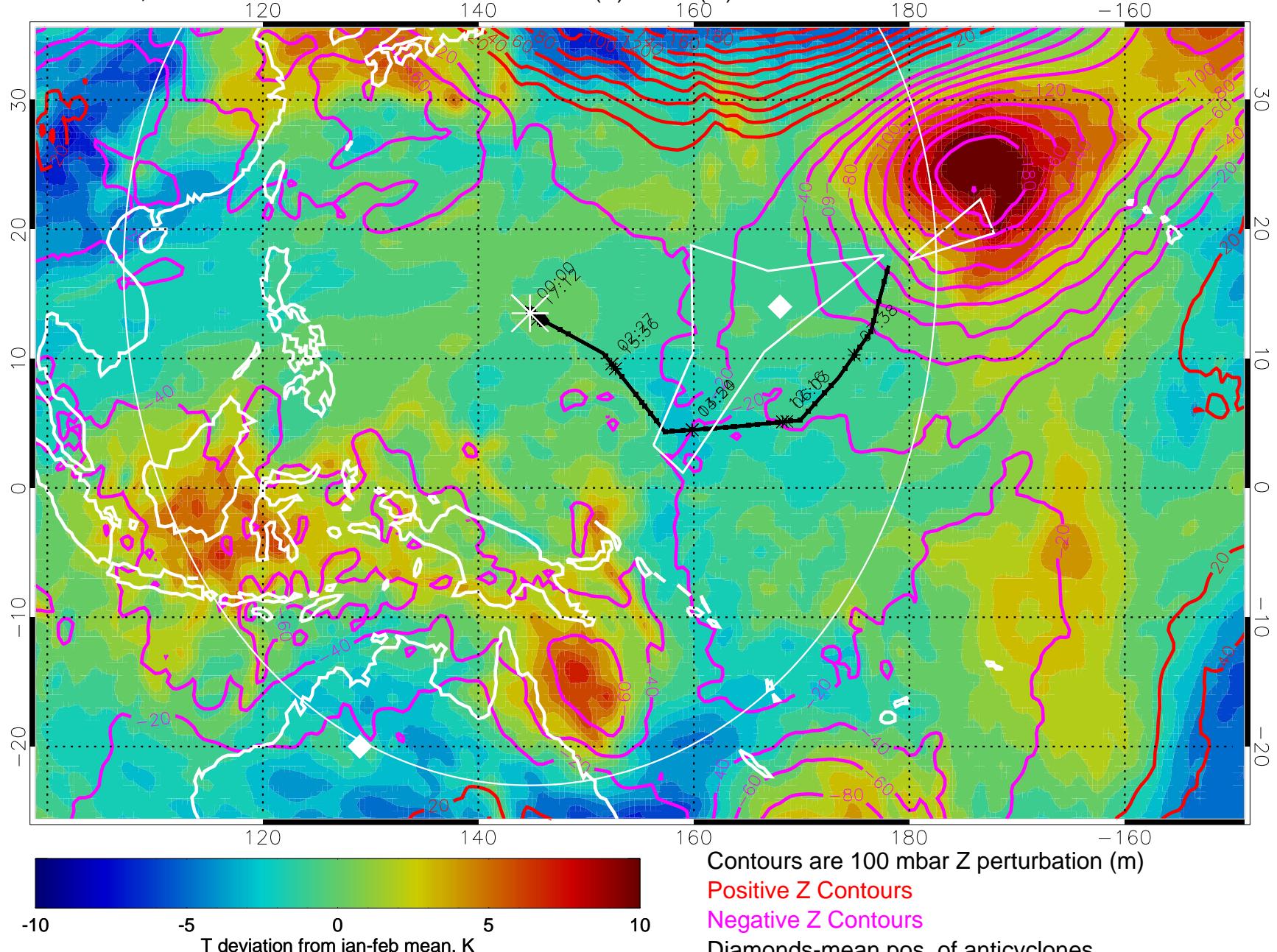


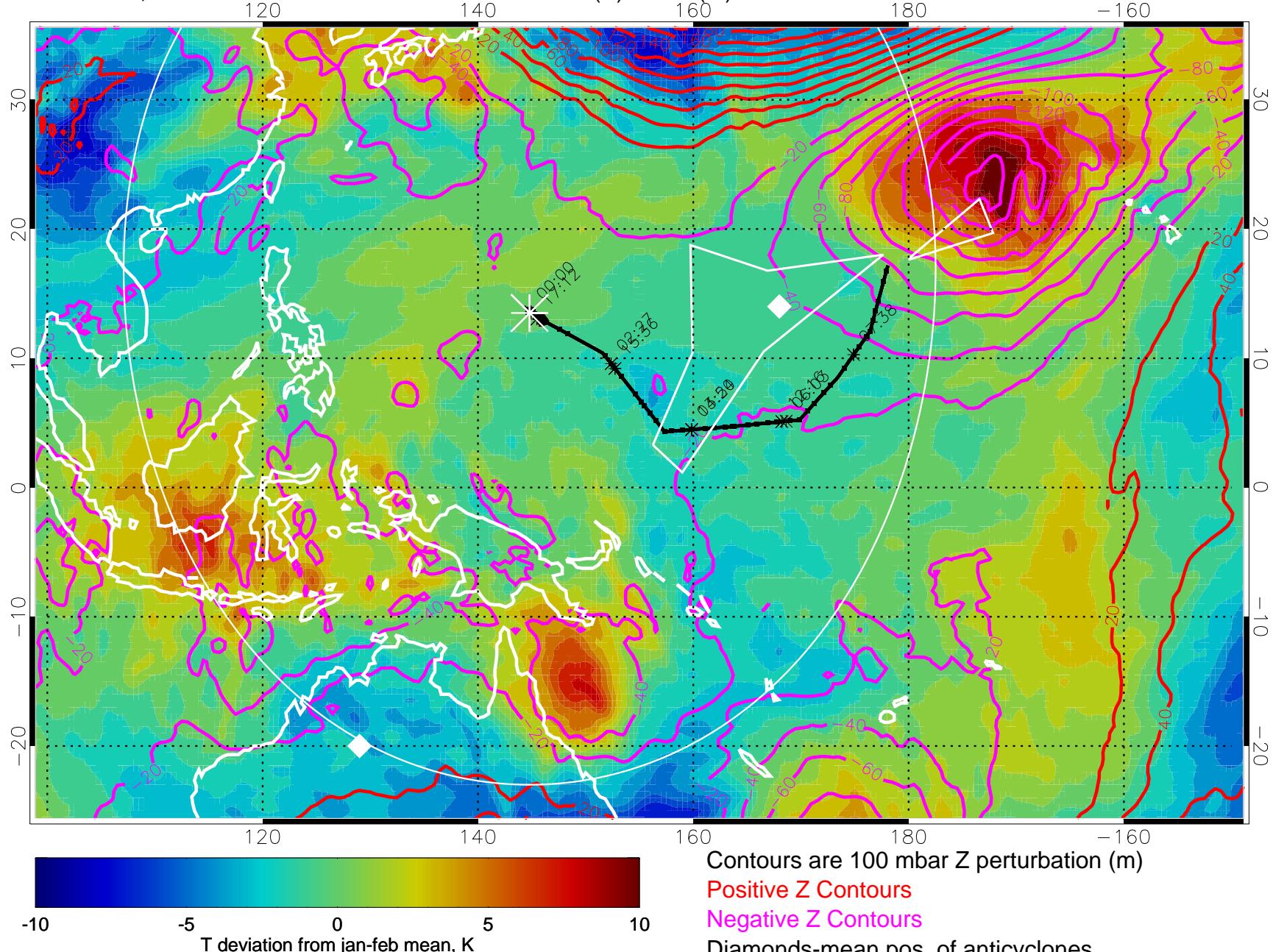
14021418, 6 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



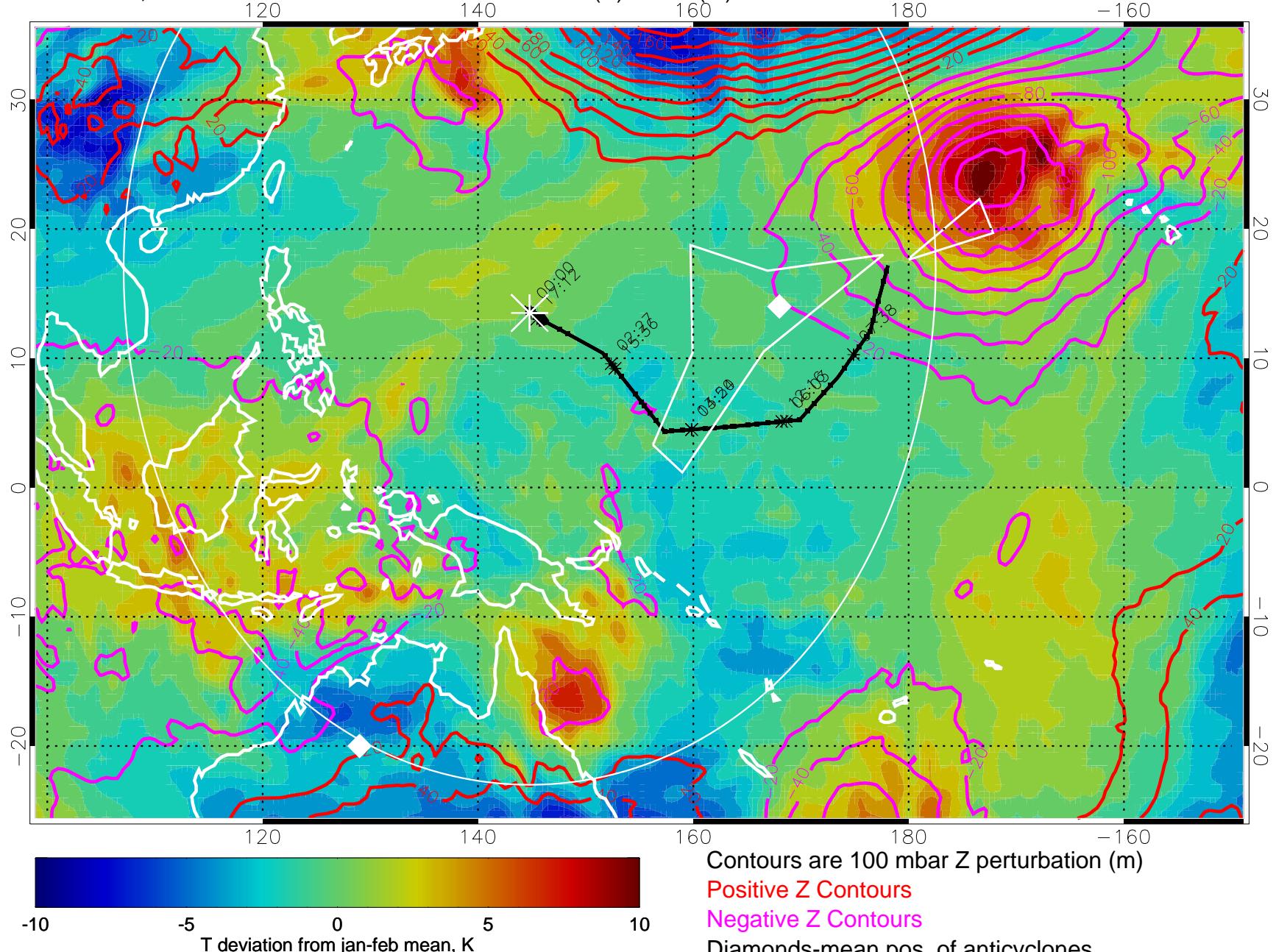
14021500, 12 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



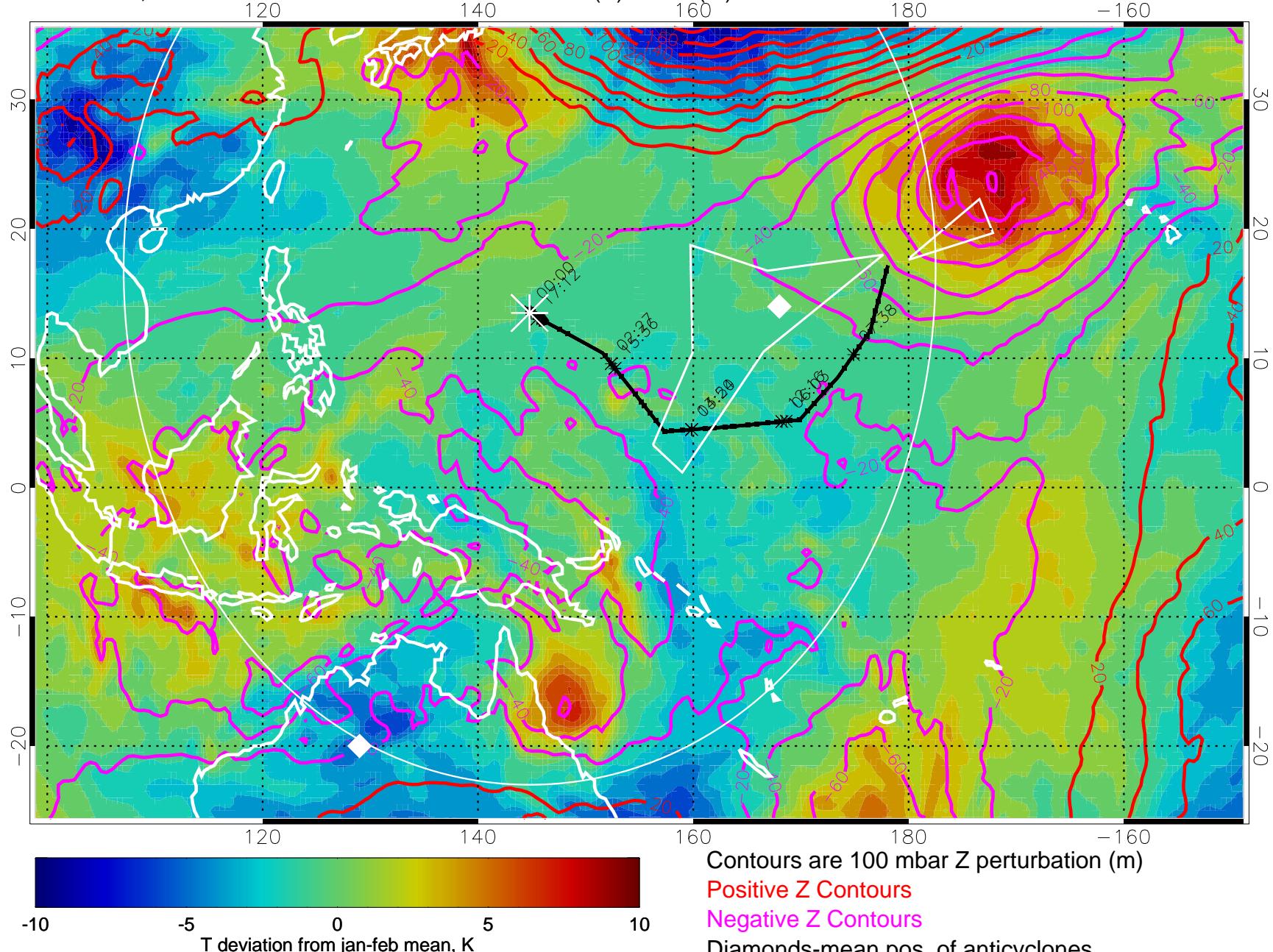
14021506, 18 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



14021512, 24 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS

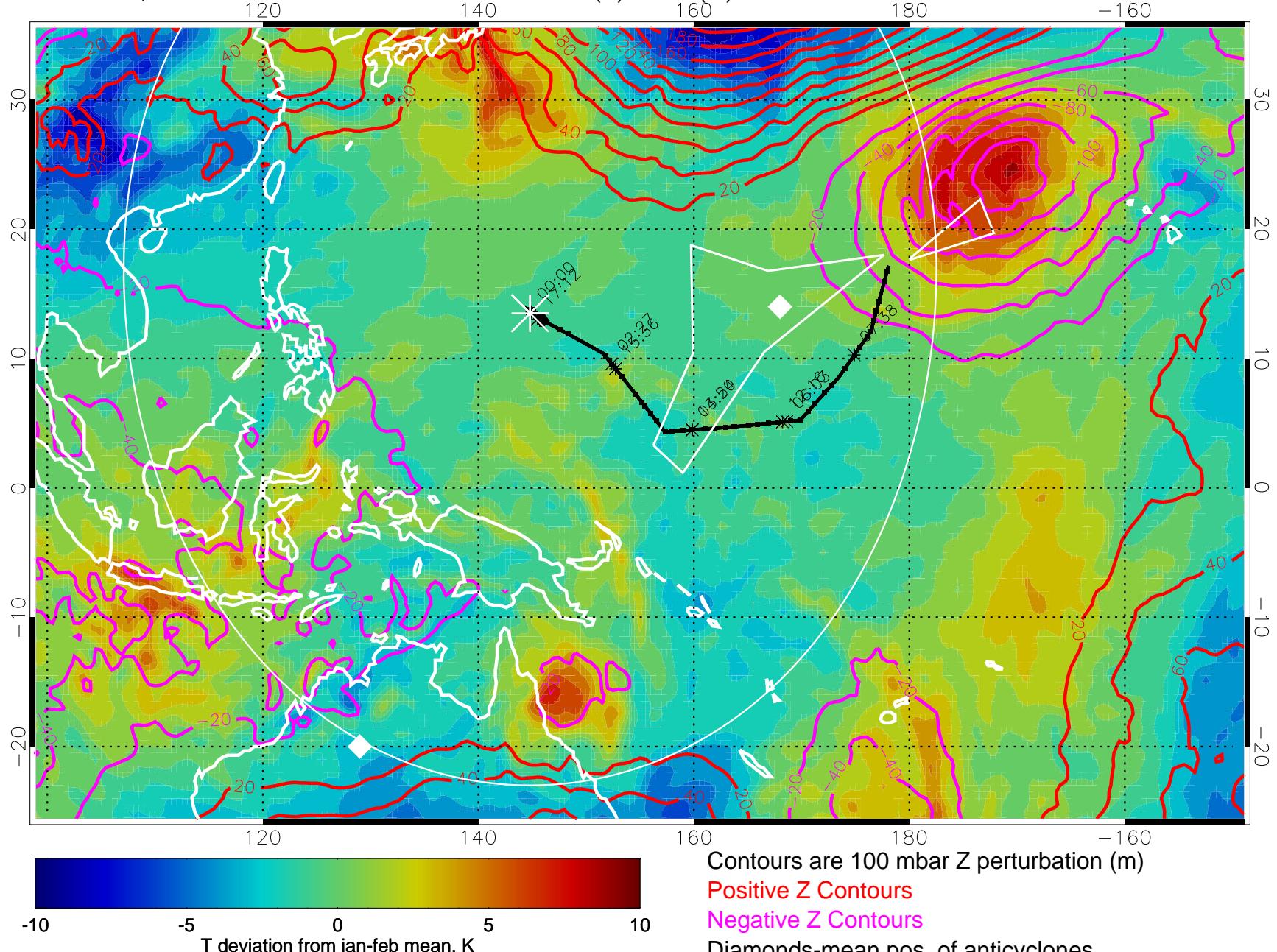


14021518, 30 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS

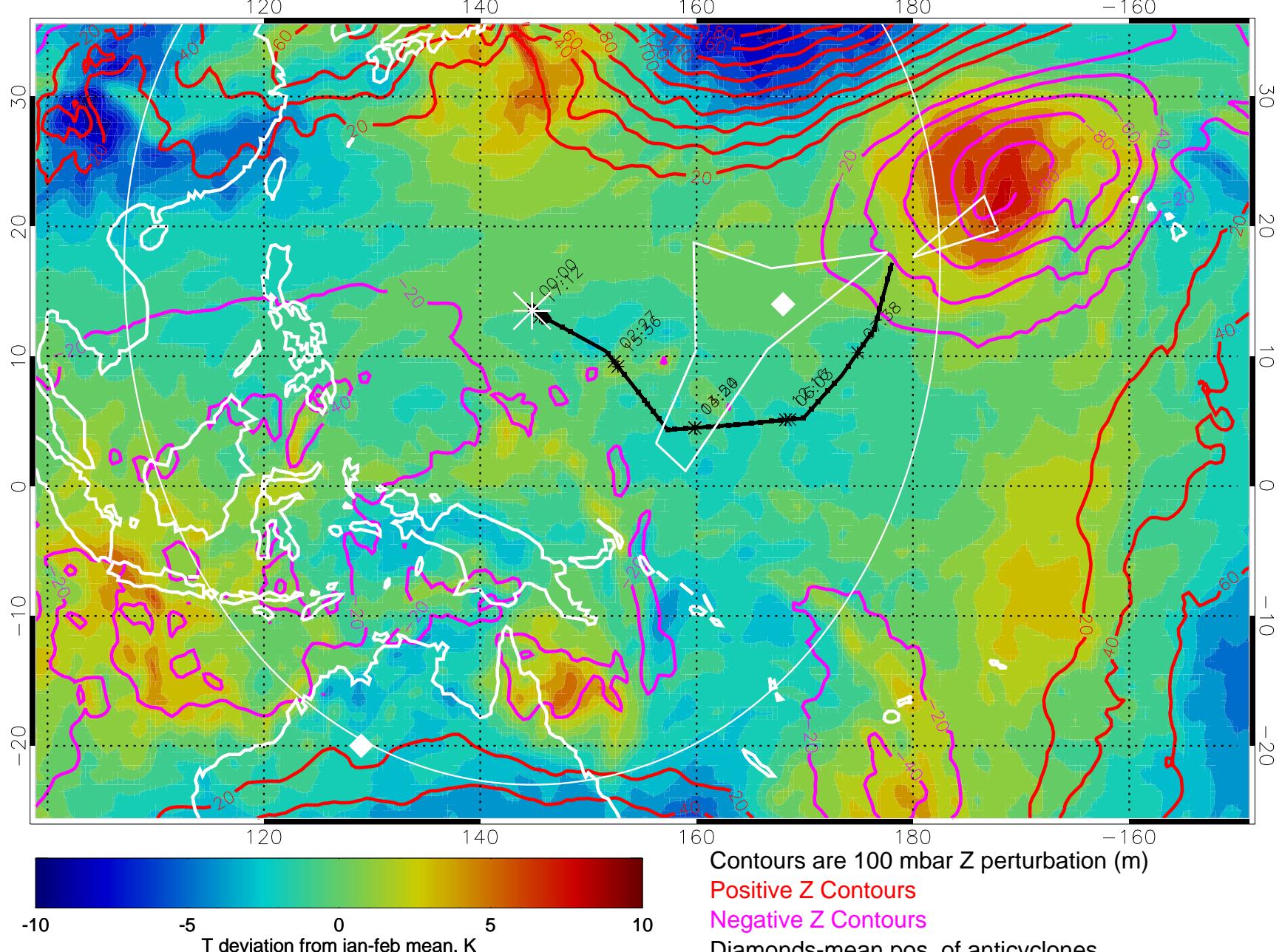


Range ring of 4055 km -- 13 hours GH round trip

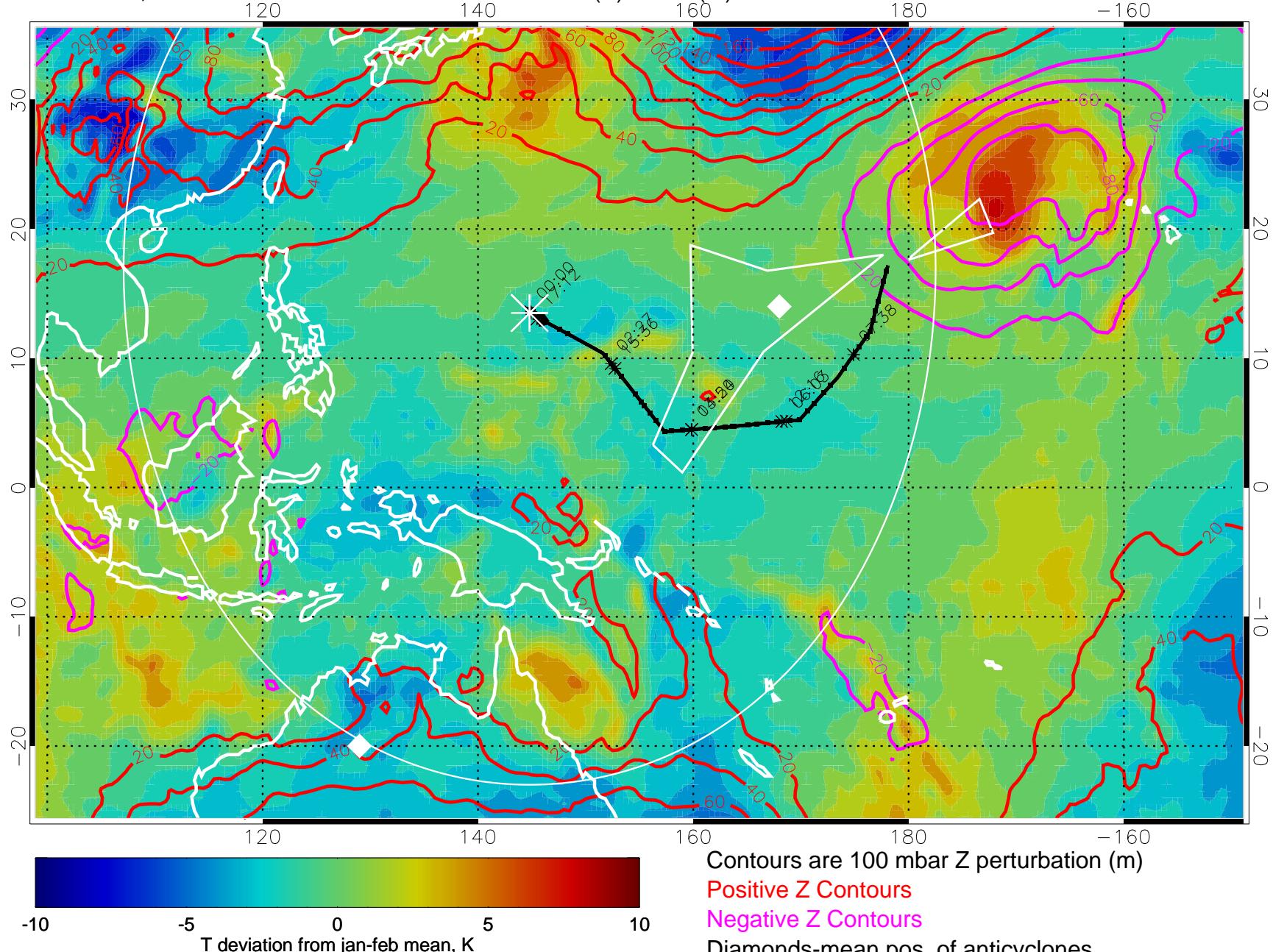
14021600, 36 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



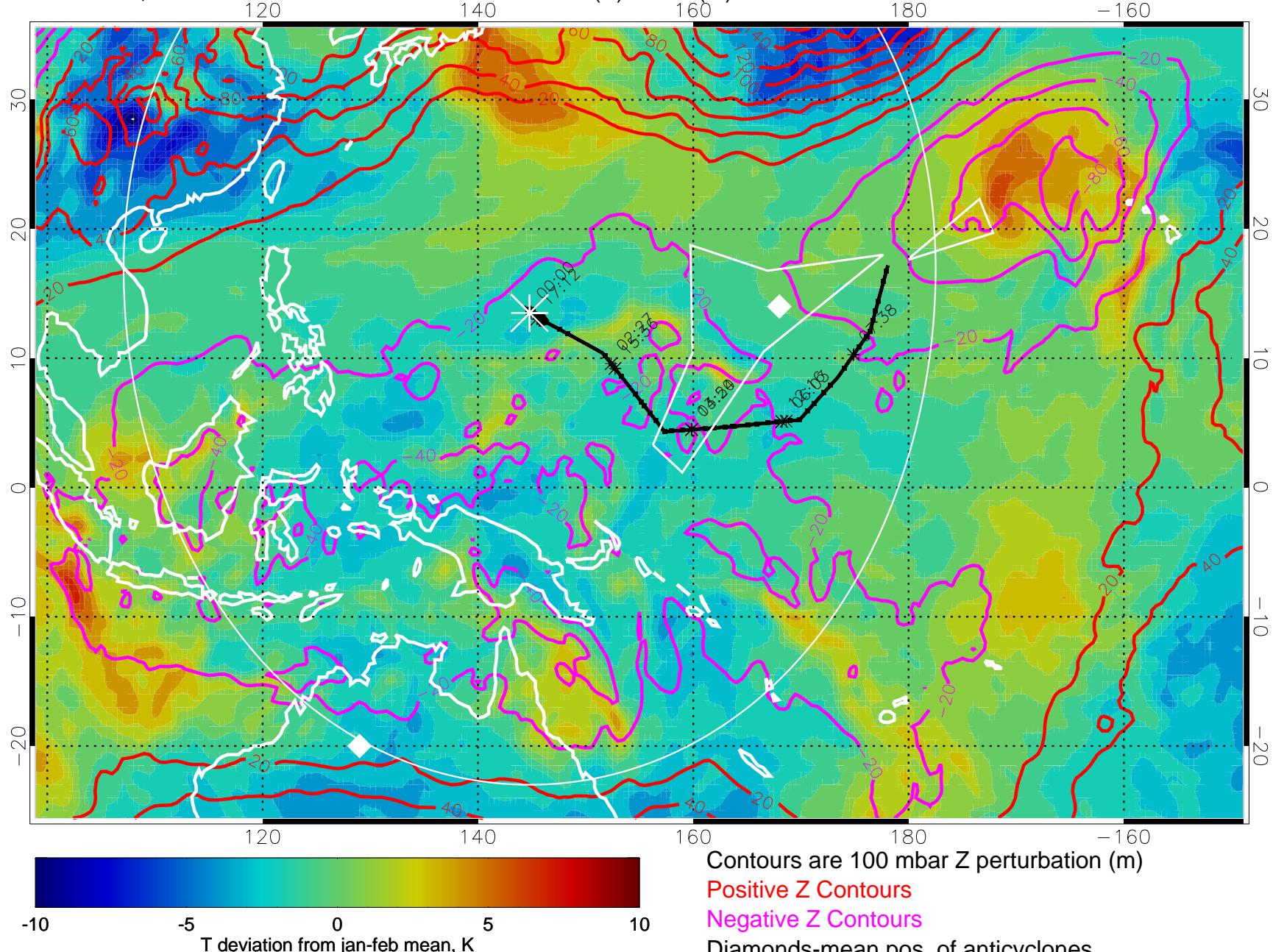
14021606, 42 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



14021612, 48 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS

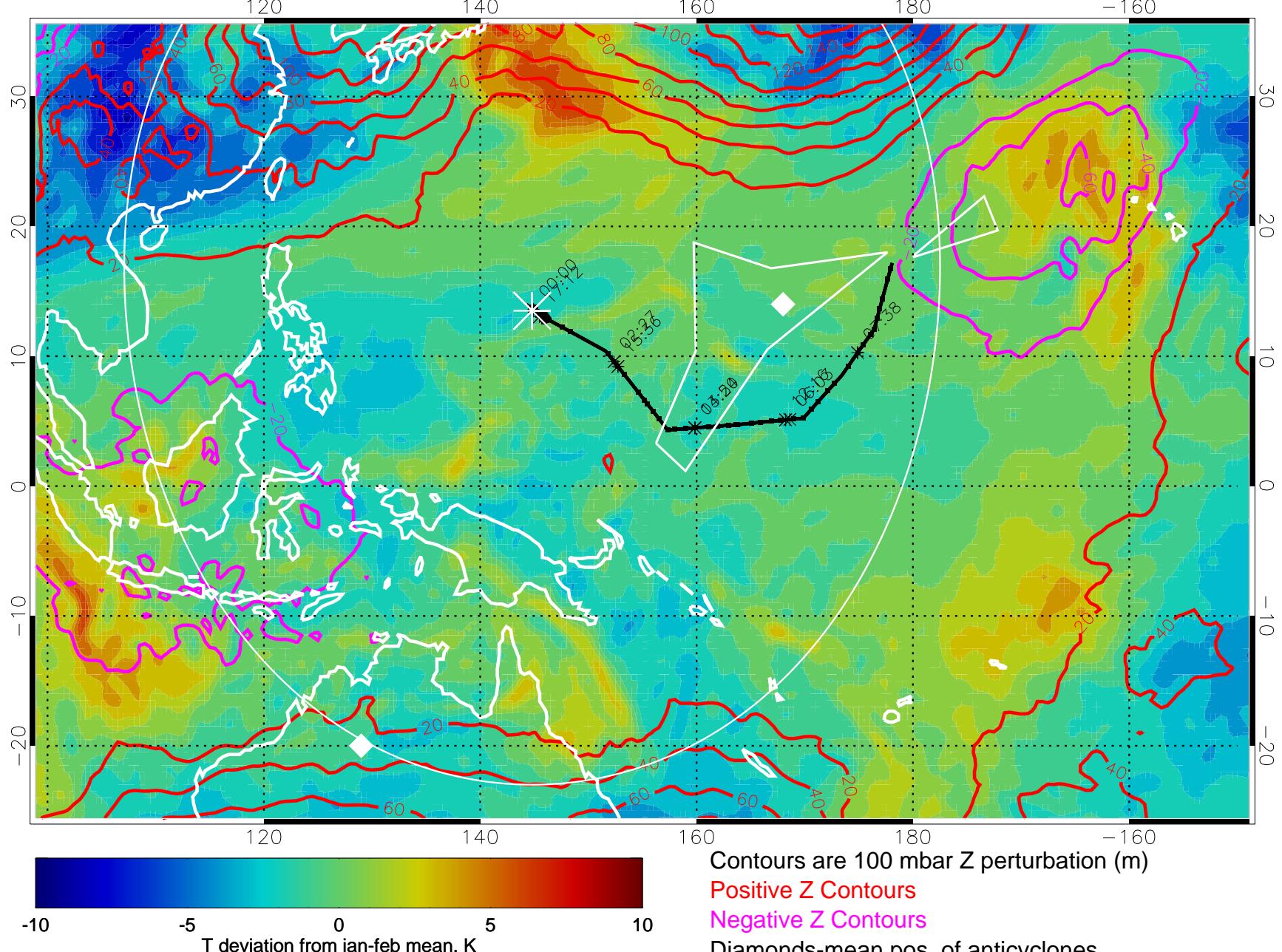


14021618, 54 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



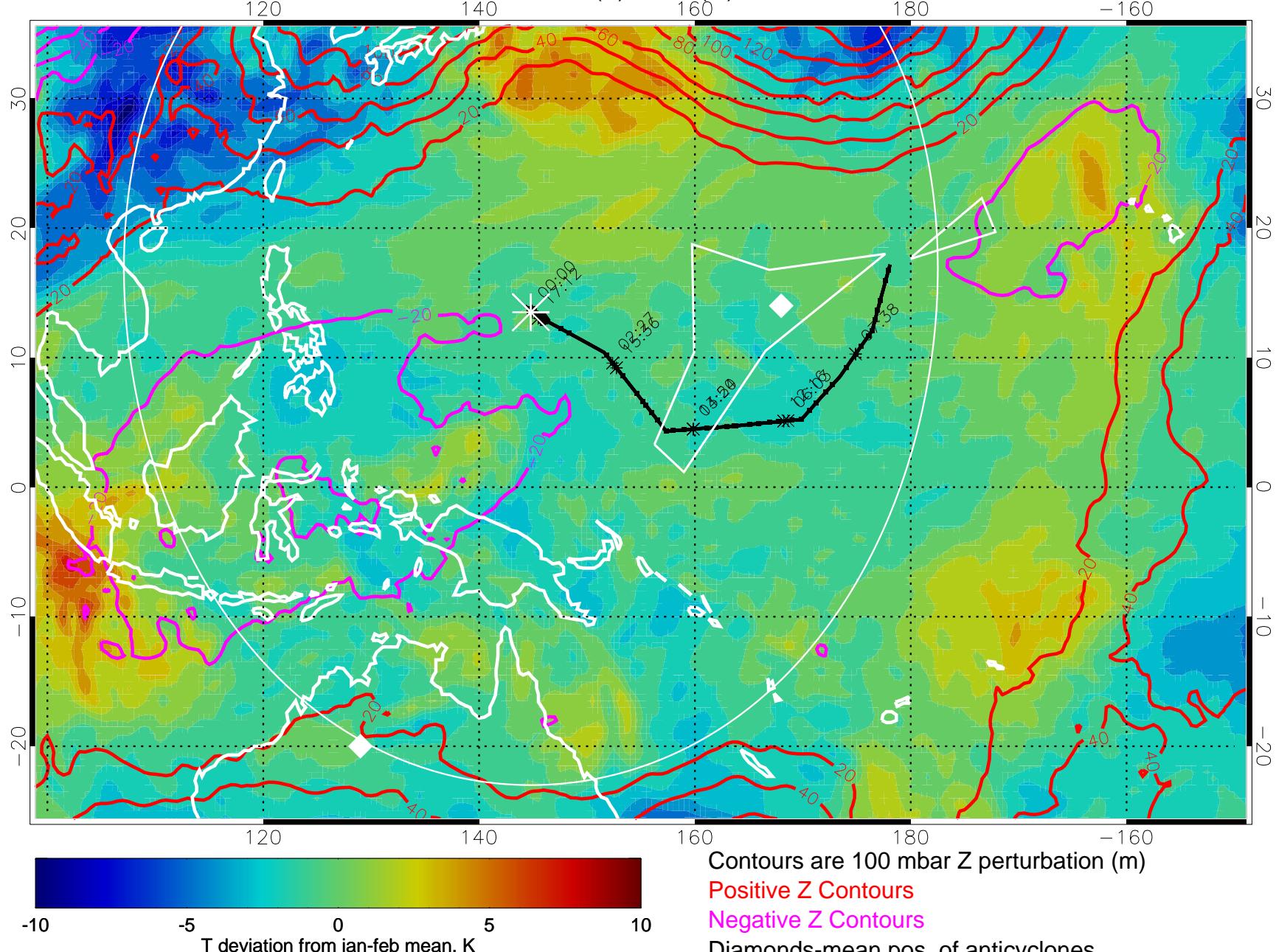
Range ring of 4055 km -- 13 hours GH round trip

14021700, 60 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS

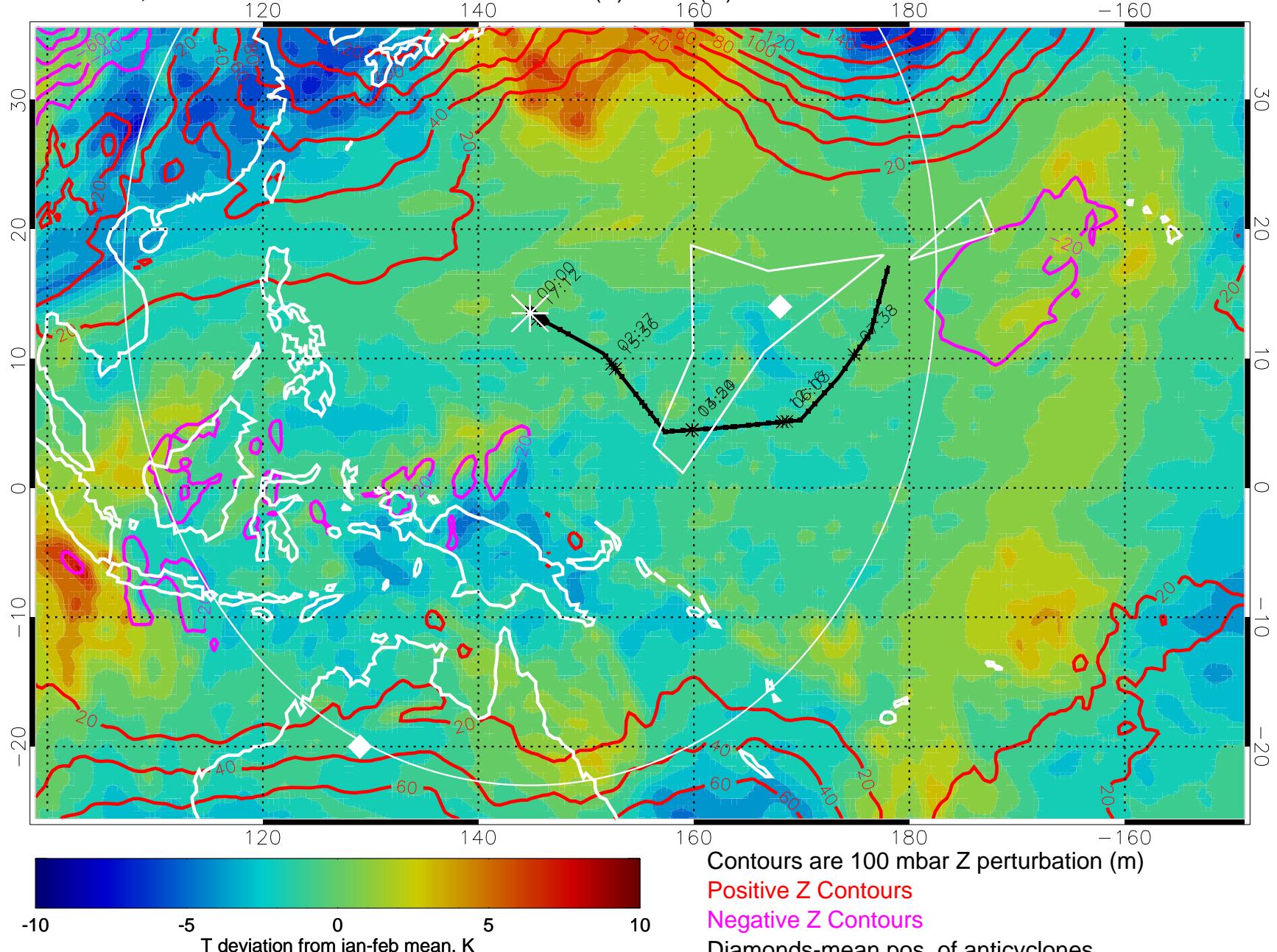


Range ring of 4055 km -- 13 hours GH round trip

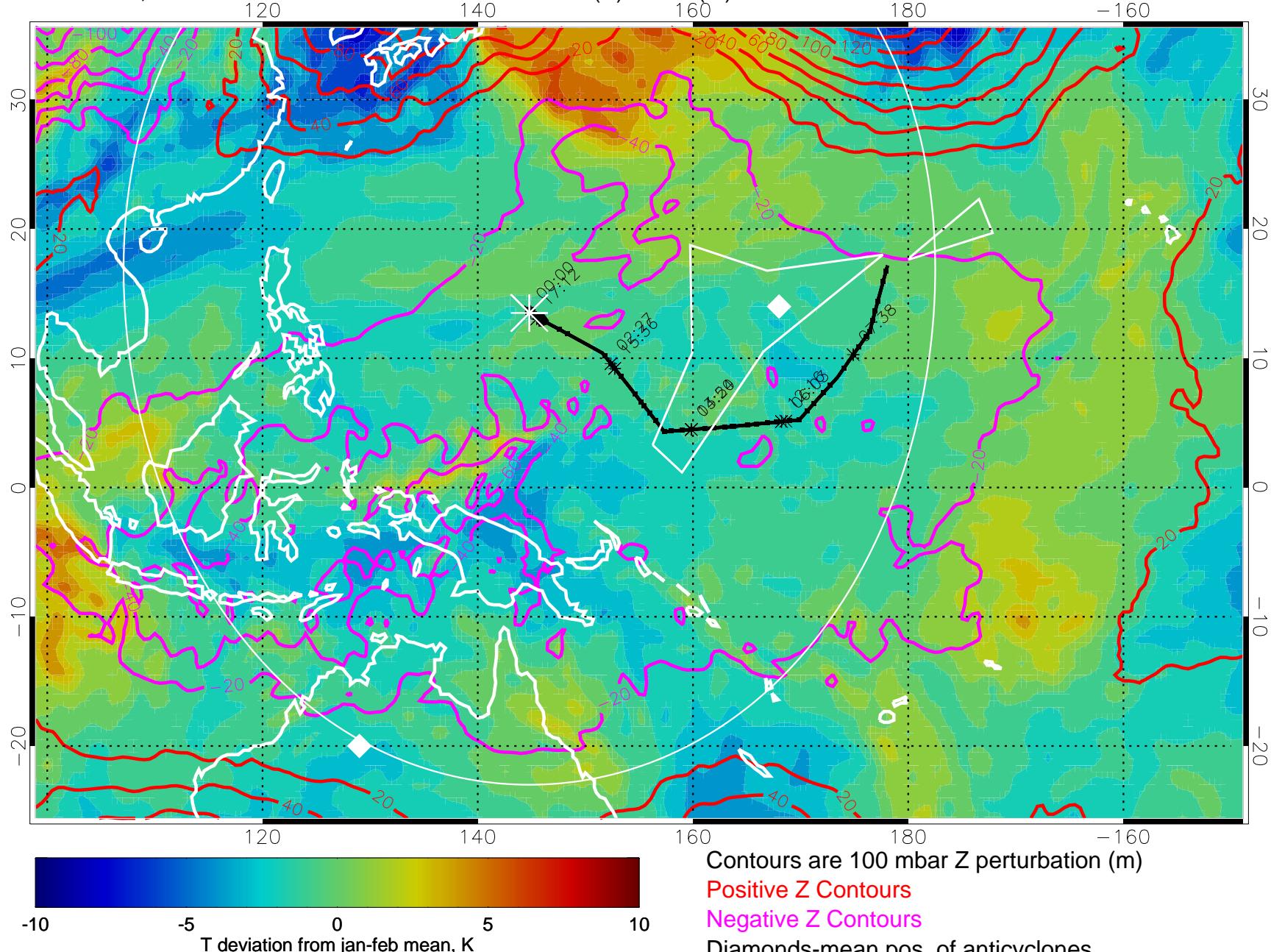
14021706, 66 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



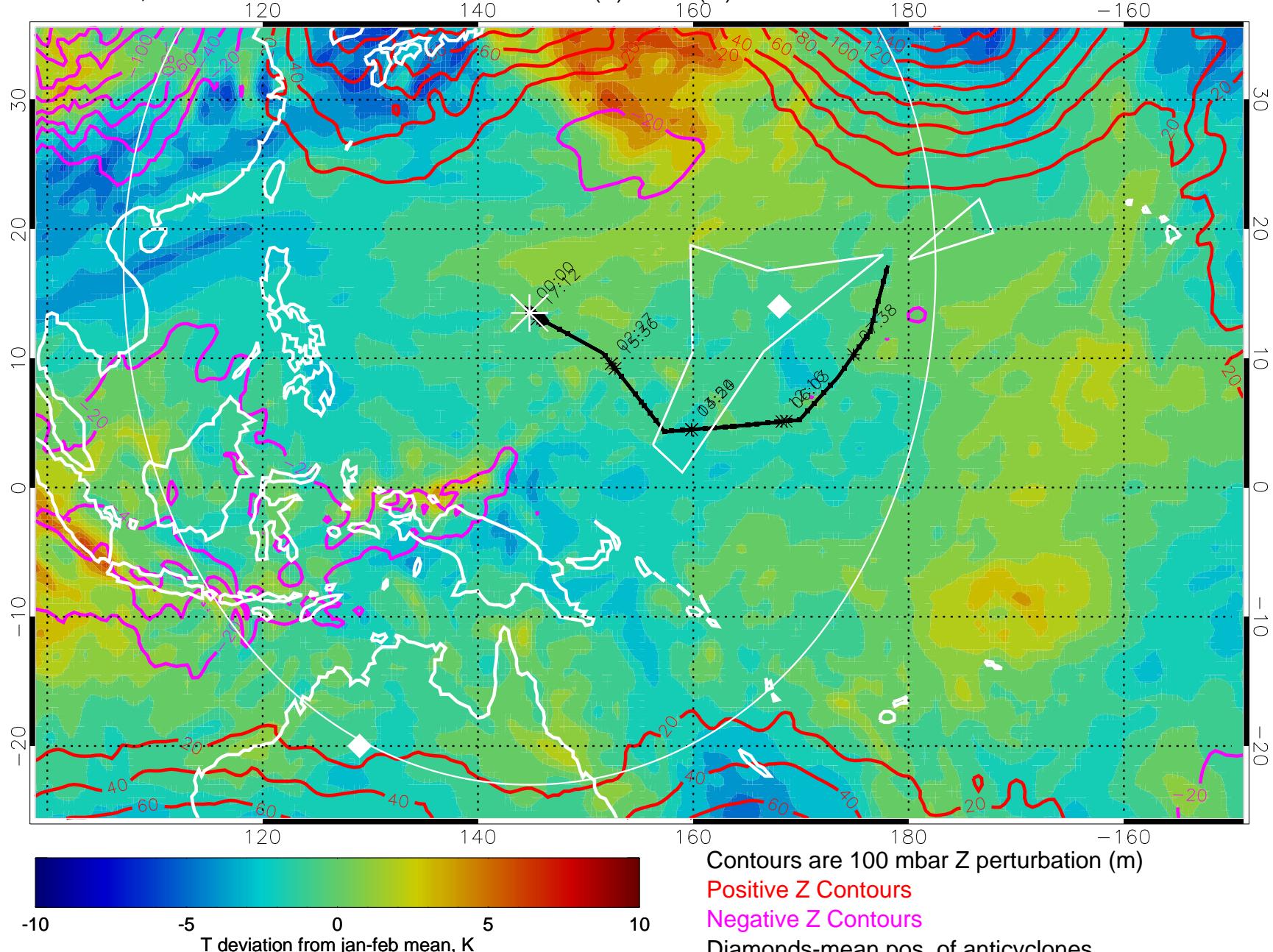
14021712, 72 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



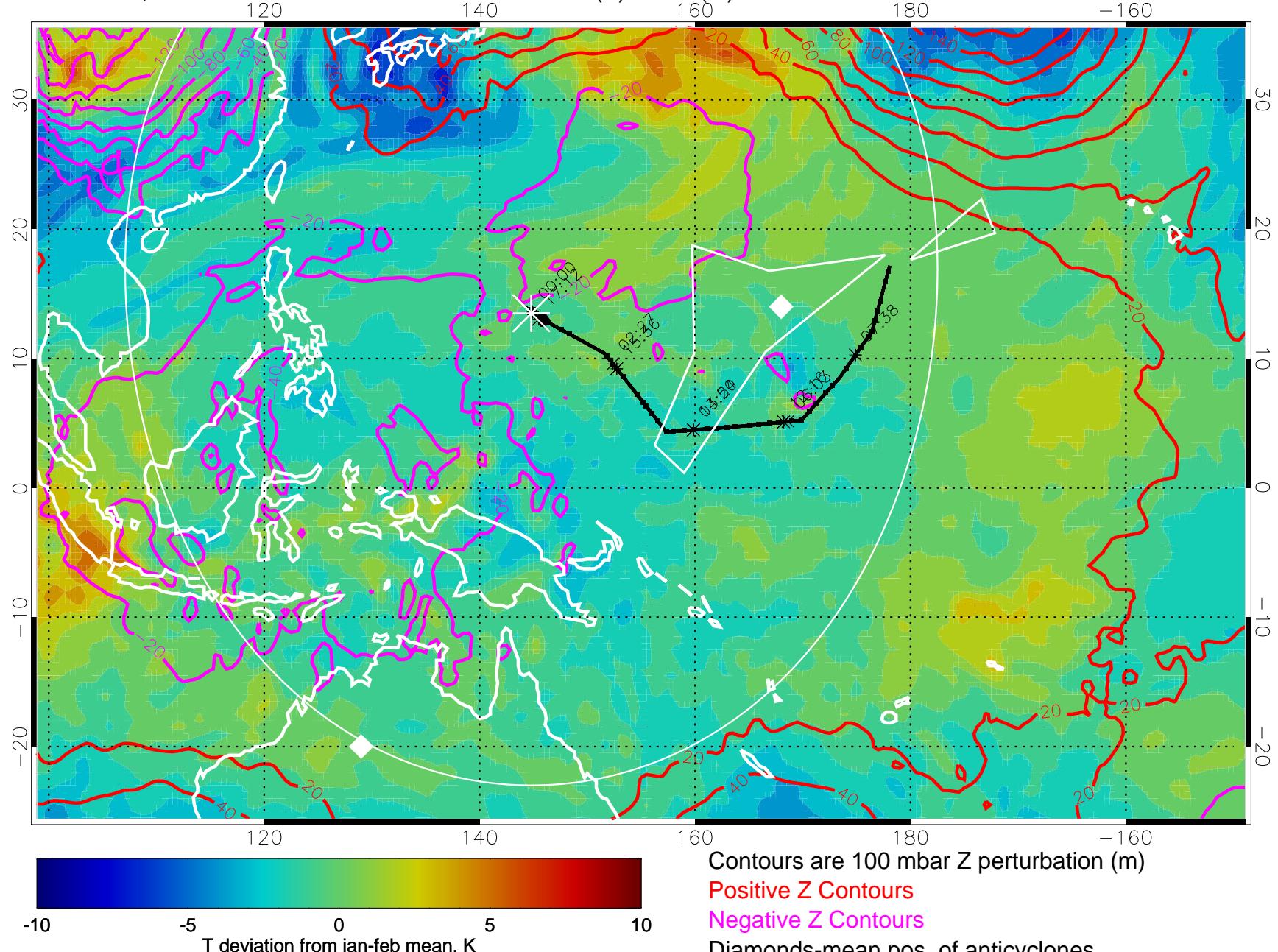
14021718, 78 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



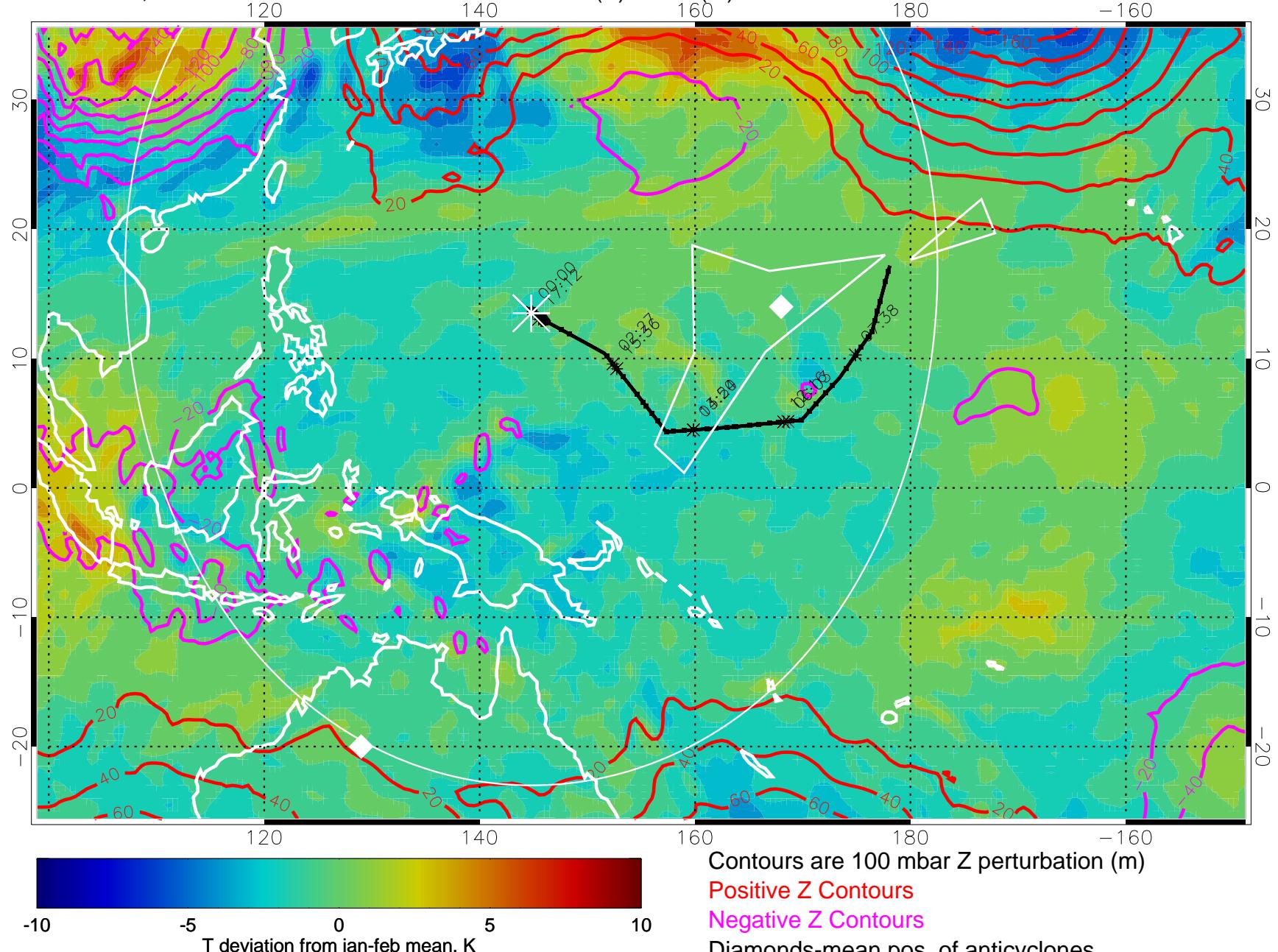
14021800, 84 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



14021806, 90 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



14021812, 96 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)

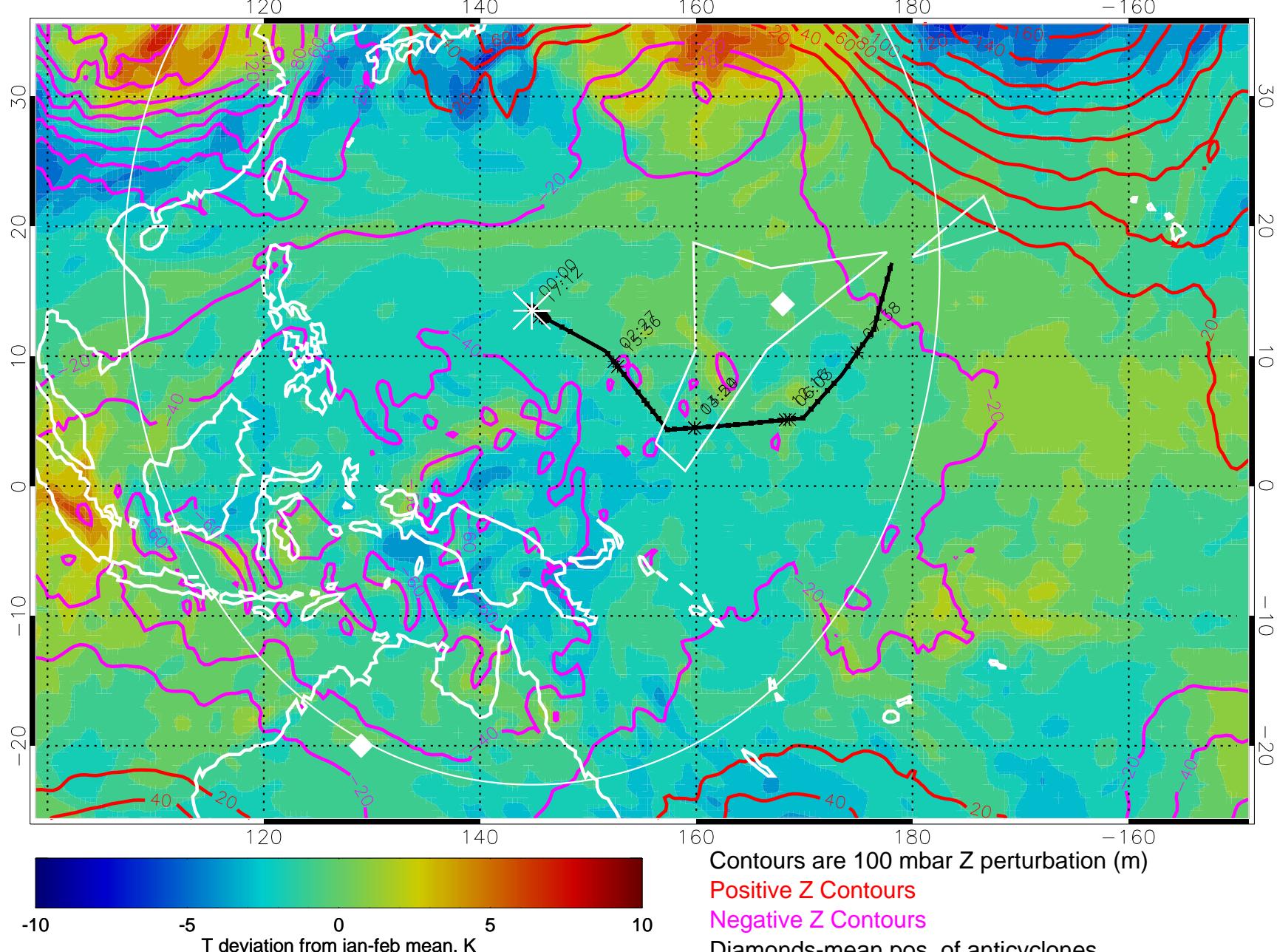
Positive Z Contours

Negative Z Contours

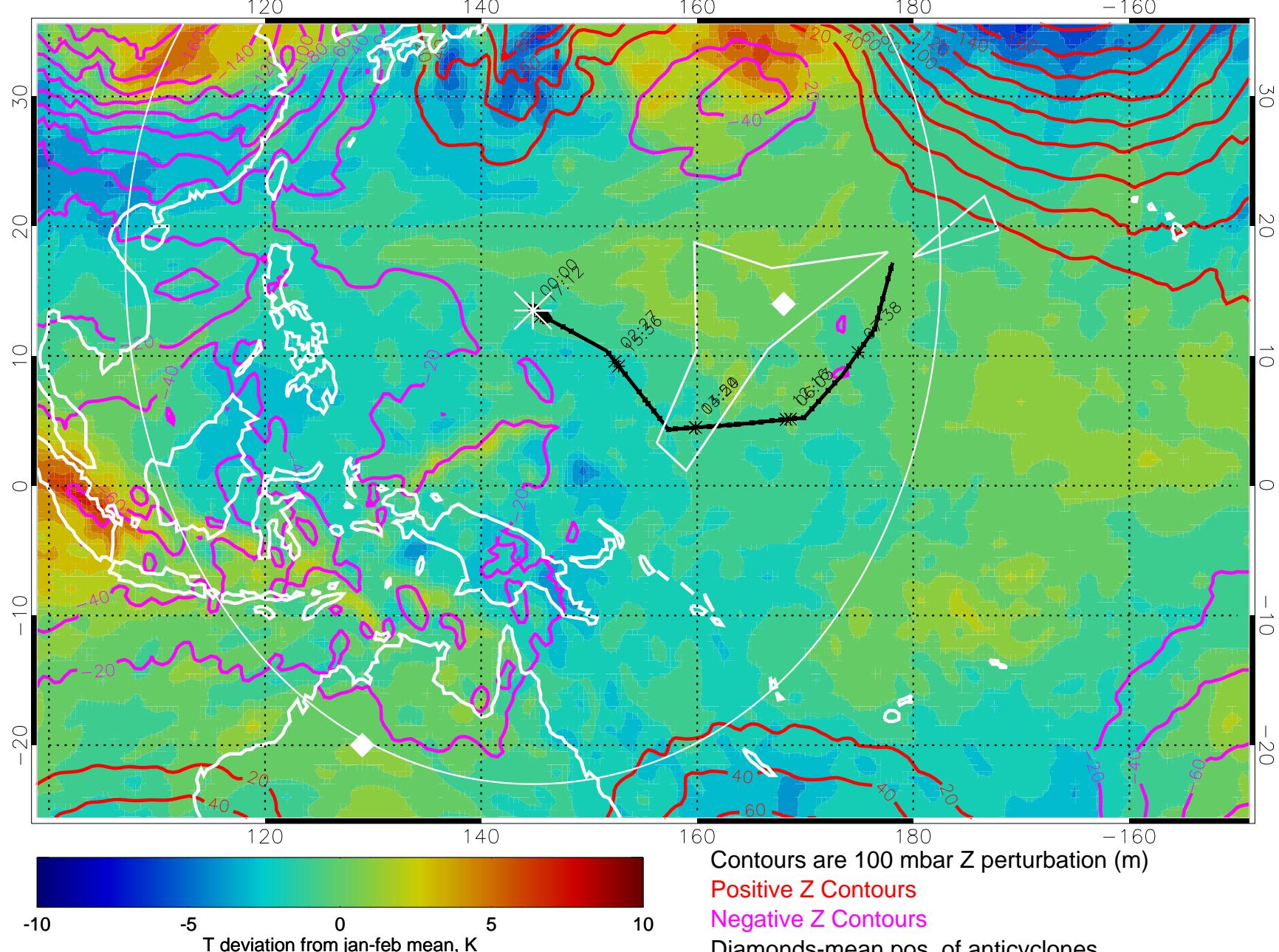
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

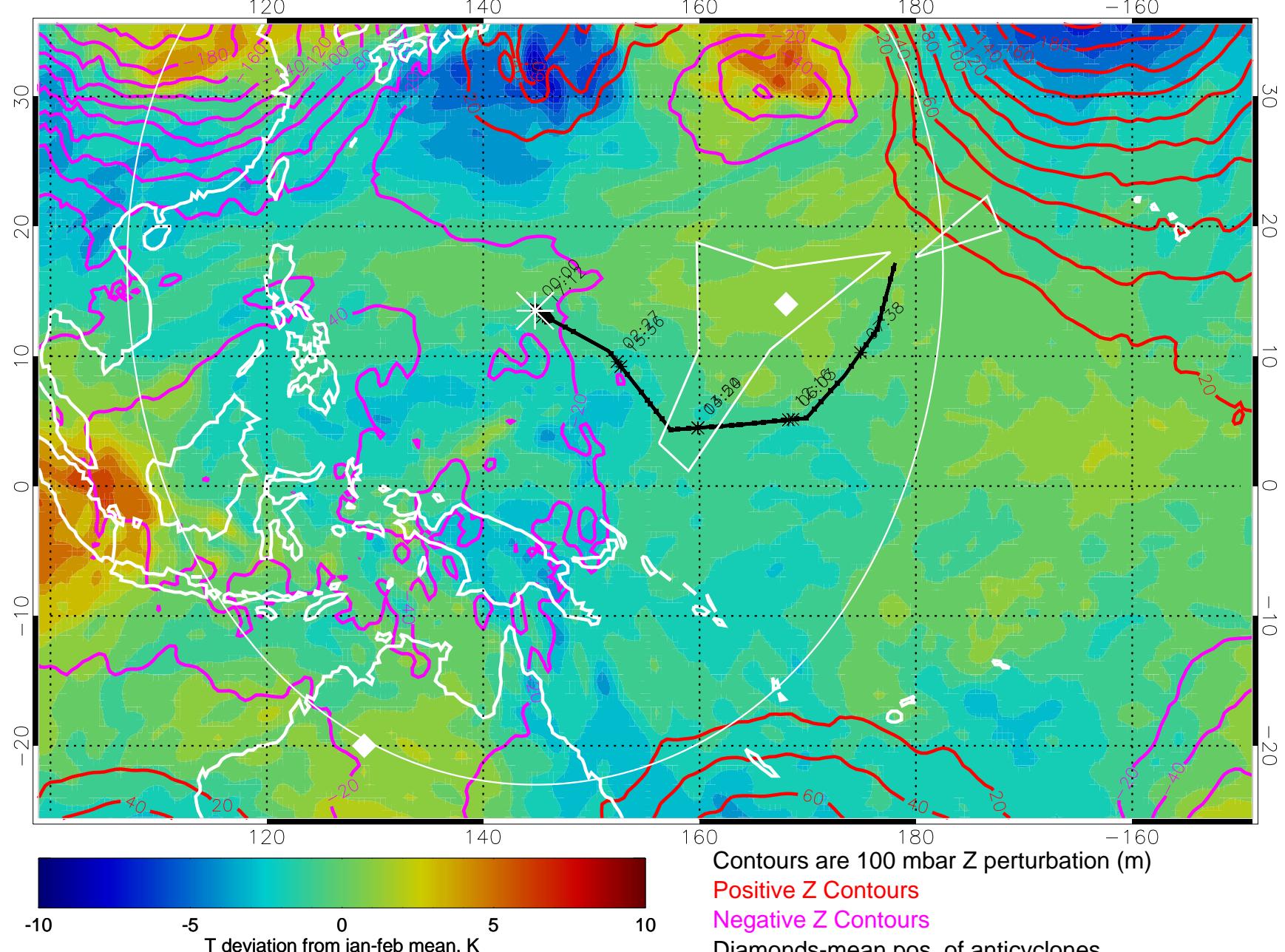
14021818, 102 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



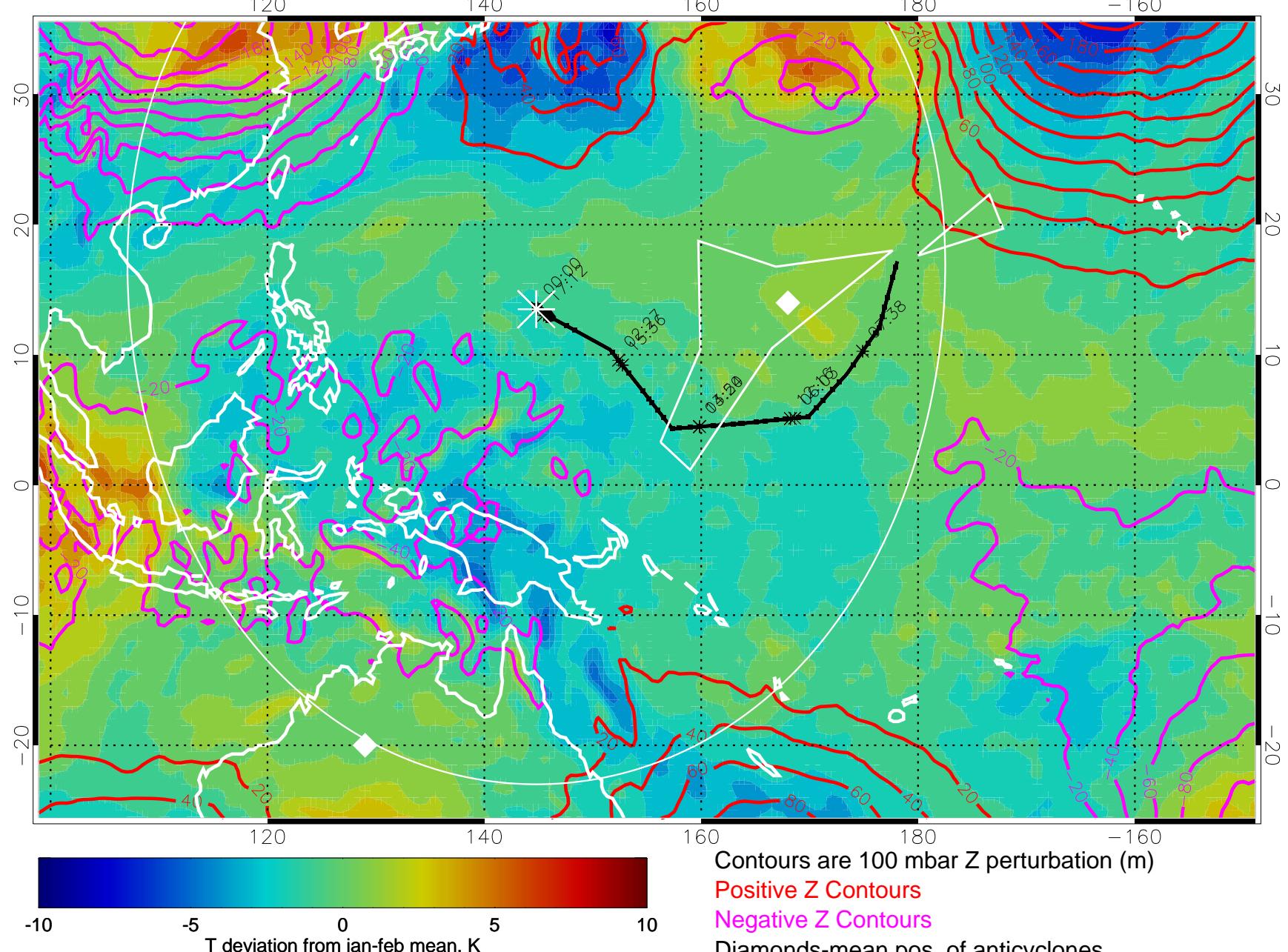
14021900, 108 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



14021906, 114 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



14021912, 120 hour forecast for 100mb Perturbation T (K) and Z (m)-- NCEP GFS



Range ring of 4055 km -- 13 hours GH round trip